

30 July 1962

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1. Project Description:

The CO-11 Coder is a keyboard operated base station device which uses a large magnetic tape cartridge to record the Morse characters. Transmission is made with the AT-3 Transmitter.

2. Contractual Information:

- a. Initial Cost: \$42,262.00 Overrun (1) \$5,877.63
b. Initiation Date: 1 June 1961
c. Completion Date: 28 February 1962 Extension (1) 30 April 62
d. Deliverable Items: 1 each Prototype CO-11 Coder (2) 30 June 62
 1 each Set of Shop Drawings

3. Date of Meeting: 25, 26 July 1962

4. Place of Meeting:

5. Persons Attending:

Agency

Non-Agency

Mr. _____
Mr. _____

Mr. _____
Mr. _____
Mr. _____

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G. Contractor's Performance:

- a. On Schedule and expected to remain so: No
b. Within Obligated Funds and expected to remain so: No
c. Satisfactory Technical Progress: See Project Status

7. Project Status:

The CO-11 project which Mr. [REDACTED] relinquished on 27 June has been reworked by two engineers at the [REDACTED] plant and they were able to demonstrate the device with four keys operating. The unit works well, however, it would require considerable time and money to bring this particular device to the

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SUBJECT: Trip Report - Development of the CO-11 Cipher

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stage of the full working model.

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The [redacted] engineering staff in conjunction with Mr. [redacted], consultant, has fabricated a four key CO-11 which is superior to Mr. [redacted] model in several respects although both machines produce the same result. The [redacted] machine is smaller, requires less power to operate and by comparison to the other device will be more economical to manufacture.

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Mr. [redacted] has expended \$8,500 more than allotted by Contract 151, Task Order 4. He estimates that \$6,000 more will be required to produce an engineering model of the [redacted] CO-11. Mr. [redacted] will come to Washington on 1 August to discuss the situation with the contracting officer.

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